

IFWO

RAW SEQUENCE LISTING

DATE: 09/02/2004

PATENT APPLICATION: US/10/820,777

TIME: 09:28:38

Input Set : A:\MR2723-365.txt

Output Set: N:\CRF4\09022004\J820777.raw

```
3 <110> APPLICANT: Cheng, Winston T.K.
              Chen, Chuan-Mu
              Lin, Shwu-Wha
      6
              Wang, Chih-Hong
              Lin, Chih-Jen
      8
              Wu, Shinn-Chih
     10 <120> TITLE OF INVENTION: Method for producing biologically active human factor VIII
in the
     11
              milk of transgenic animals driven by mammary-specific expression
     12
              cassettes
     14 <130> FILE REFERENCE: MR2723-365
     16 <140> CURRENT APPLICATION NUMBER: US 10/820,777
     17 <141> CURRENT FILING DATE: 2004-04-09
     19 <160> NUMBER OF SEQ ID NOS: 15
    21 <170> SOFTWARE: PatentIn version 3.2
    23 <210> SEQ ID NO: 1
    24 <211> LENGTH: 63
    25 <212> TYPE: DNA
    26 <213 > ORGANISM: Homo sapiens
    28 <400> SEQUENCE: 1
    29 atgatgtcct ttgtctctct gctcctggta ggcatcctat tccatgccac ccaggctgtt
                                                                                60
    31 aac
                                                                                63
    34 <210> SEQ ID NO: 2
    35 <211> LENGTH: 50
    36 <212> TYPE: DNA
    37 <213> ORGANISM: Homo sapiens
    39 <400> SEQUENCE: 2
    40 atgaaacttc tcatccttac ctgtcttgtg gctgttgctg ccaggttaac
                                                                                50
    43 <210> SEQ ID NO: 3
    44 <211> LENGTH: 22
    45 <212> TYPE: DNA
    46 <213> ORGANISM: Homo sapiens
    48 <400> SEQUENCE: 3
    49 ggttaactgc caccagaaga ta
                                                                                22
    52 <210> SEQ ID NO: 4
    53 <211> LENGTH: 20
    54 <212> TYPE: DNA
    55 <213 > ORGANISM: Homo sapiens
    57 <400> SEQUENCE: 4
    58 aagcttcttg gttcaatggc
                                                                               20
    61 <210> SEQ ID NO: 5
    62 <211> LENGTH: 25
    63 <212> TYPE: DNA
```

64 <213> ORGANISM: Homo sapiens

RAW SEQUENCE LISTING

DATE: 09/02/2004 PATENT APPLICATION: US/10/820,777 TIME: 09:28:38

Input Set : A:\MR2723-365.txt

66 <400> SEQUENCE: 5	
67 aagettgaaa egecateaae gggaa	25
70 <210> SEQ ID NO: 6	
71 <211> LENGTH: 24	
72 <212> TYPE: DNA	
73 <213> ORGANISM: Homo sapiens	
75 <400> SEQUENCE: 6	
76 ctcgagcctc agtagaggtc ctgt	24
79 <210> SEQ ID NO: 7	
80 <211> LENGTH: 20	
81 <212> TYPE: DNA	
82 <213 > ORGANISM: Homo sapiens	
84 <400> SEQUENCE: 7	
85 ctctcttgtc atcctcttcc	20
88 <210> SEQ ID NO: 8	
89 <211> LENGTH: 21	
90 <212> TYPE: DNA	
91 <213> ORGANISM: Homo sapiens	
93 <400> SEQUENCE: 8	
94 ggttacgcgt caagattctg a 97 <210> SEQ ID NO: 9	21
98 <211> LENGTH: 20	
99 <212> TYPE: DNA	
100 <213> ORGANISM: Homo sapiens	
102 <400> SEQUENCE: 9	
103 agactttcgg aacagaggca	
106 <210> SEQ ID NO: 10	20
107 <211> LENGTH: 22	
108 <212> TYPE: DNA	
109 <213> ORGANISM: Homo sapiens	
111 <400> SEQUENCE: 10	
112 atctttttcc aggtcaacat ca	22
115 <210> SEQ ID NO: 11	22
116 <211> LENGTH: 23	
117 <212> TYPE: DNA	
118 <213> ORGANISM: Homo sapiens	
120 <400> SEQUENCE: 11	
121 cattctattc atttcagtgg aca	23
124 <210> SEQ ID NO: 12	23
125 <211> LENGTH: 22	
126 <212> TYPE: DNA	
127 <213> ORGANISM: Homo sapiens	
129 <400> SEQUENCE: 12	
130 gagatgtaga ggctggagaa ct	22
133 <210> SEQ ID NO: 13	
134 <211> LENGTH: 63	
135 <212> TYPE: DNA	
136 <213> ORGANISM: Homo sapiens	
138 <400> SEQUENCE: 13	

RAW SEQUENCE LISTING

DATE: 09/02/2004 PATENT APPLICATION: US/10/820,777 TIME: 09:28:38

Input Set : A:\MR2723-365.txt

139	atgatgtcct	ttgtctctct	gctcctggta	ggcatcctat	tccatgccac	ccaggctgtt	60
	aac	TD NO 14					63
	<210> SEQ						
	<211> LENG <212> TYPE			•			
	<213> ORGA		sapiens				
	<400> SEQU						
150	algadactic	TD NO 15	ctgtcttgtg	gctgttgctg	ccaggttaac		50
	<210> SEQ <211> LENG						
	<211> LENG <212> TYPE						
-							
	<213> ORGA		sapiens				
	<400> SEQU						
101	gecaecagaa	gatactacct	gggtgcagtg	gaactgtcat	gggactatat	gcaaagtgat	60
163	cceggraage	tgcctgtgga	cgcaagattt	cctcctagag	tgccaaaatc	ttttccattc	120
103	aacacctcag	tcgtgtacaa	aaagactctg	tttgtagaat	tcacggatca	ccttttcaac	180
165	accgctaagc	caaggccacc	ctggatgggt	ctgctaggtc	ctaccatcca	ggctgaggtt	240
167	tatgatacag	tggtcattac	acttaagaac	atggcttccc	atcctgtcag	tcttcatgct	300
169	gttggtgtat	cctactggaa	agcttctgag	ggagctgaat	atgatgatca	gaccagtcaa	360
171	agggagaaag	aagatgataa	agtetteeet	ggtggaagcc	atacatatgt	ctggcaggtc	420
173	ctgaaagaga	atggtccaat	ggcctctgac	ccactgtgcc	ttacctactc	atatctttct	480
175	catgtggacc	tggtaaaaga	cttgaattca	ggcctcattg	gagccctact	agtatgtaga	540
177	gaagggagtc	tggccaagga	aaagacacag	accttgcaca	aatttatact	actttttgct	600
179	gtatttgatg	aagggaaaag	ttggcactca	gaaadaaaga	actccttgat	gcaggatagg	660
181	gatgctgcat	ctgctcgggc	ctggcctaaa	atgcacacag	tcaatggtta	tgtaaacagg	720
183	tctctgccag	gtctgattgg	atgccacagg	aaatcagtct	attggcatgt	gattggaatg	780
185	ggcaccactc	ctgaagtgca	ctcaatattc	ctcgaaggtc	acacatttct	tgtgaggaac	840
187	catcgccagg	cgtccttgga	aatctcgcca	ataactttcc	ttactgctca	aacactcttg	900
189	atggaccttg	gacagtttct	actgttttgt	catatctctt	cccaccaaca	tgatggcatg	960
191	gaagcttatg	tcaaagtaga	cagctgtcca	gaggaacccc	aactacgaat	gaaaaataat	1020
193	gaagaagcgg	aagactatga	tgatgatctt	actgattctg	aaatggatgt	ggtcaggttt	1080
195	gatgatgaca	actctccttc	ctttatccaa	attcgctcag	ttgccaagaa	gcatcctaaa	1140
197	acttgggtac	attacattgc	tgctgaagag	gaggactggg	actatgctcc	cttagtcctc	1200
199	gcccccgatg	acagaagtta	taaaagtcaa	tatttgaaca	atggccctca	gcggattggt	1260
201	aggaagtaca	aaaaagtccg	atttatggca	tacacagatg	aaacctttaa	gactcgtgaa	1320
203	gctattcagc	atgaatcagg	aatcttggga	cctttacttt	atggggaagt	tggagacaca	1380
205	ctgttgatta	tatttaagaa	tcaagcaagc	agaccatata	acatctaccc	tcacggaatc	1440
207	actgatgtcc	gtcctttgta	ttcaaggaga	ttaccaaaag	gtgtaaaaca	tttgaaggat	1500
209	tttccaattc	tgccaggaga	aatattcaaa	tataaatgga	cagtgactgt	agaagatggg	1560
211	ccaactaaat	cagatecteg	gtgcctgacc	cgctattact	ctagtttcgt	taatatqqaq	1620
213	agagatctag	cttcaggact	cattggccct	ctcctcatct	gctacaaaqa	atctgtagat	1680
215	caaagaggaa	accagataat	gtcagacaag	aggaatgtca	tcctqttttc	tqtatttqat	1740
217	gagaaccgaa	gctggtacct	cacagagaat	atacaacgct	ttctccccaa	tccaqctqqa	1800
219	gtgcagcttg	aggatccaga	gttccaagcc	tccaacatca	tgcacagcat	caatggctat	1860
221	gtttttgata	gtttgcagtt	gtcagtttqt	ttgcatgagg	tggcatactg	gtacattota	1920
223	agcattggag	cacagactga	cttcctttct	gtcttcttct	ctggatatac	cttcaaacac	1980
225	aaaatggtct	atgaagacac	actcacccta	ttcccattct	caggagaaag	tatetteate	2040
22 7	tcgatggaaa	acccaqqtct	atqqattctq	gggtgccaca	actcagactt	toggaacaga	2100
229	ggcatgaccq	ccttactqaa	ggtttctagt	tgtgacaaga	acactggtga	ttattaccac	2160
		5	2324	J J:J			2200

RAW SEQUENCE LISTING DATE: 09/02/2004 PATENT APPLICATION: US/10/820,777 TIME: 09:28:39

Input Set : A:\MR2723-365.txt

231	gacagttatg	aagatatttc	agcatacttg	ctgagtaaaa	acaatgccat	tgaaccaaga	2220
233	agcttgaaac	gccatcaacg	ggaaataact	cgtactactc	ttcagtcaga	tcaagaggaa	2280
235	attgactatg	atgataccat	atcagttgaa	atgaagaagg	aagattttga	catttatgat	2340
237	gaggatgaaa	atcagagccc	ccgcagcttt	caaaagaaaa	cacgacacta	ttttattgct	2400
239	gcagtggaga	ggctctggga	ttatgggatg	agtagctccc	cacatgttct	aagaaacagg	2460
241	gctcagagtg	gcagtgtccc	tcagttcaag	aaagttgttt	tccaggaatt	tactgatggc	2520
243	tcctttactc	agcccttata	ccgtggagaa	ctaaatgaac	atttgggact	cctggggcca	2580
245	tatataagag	cagaagttga	agataatatc	atggtaactt	tcagaaatca	ggcctctcgt	2640
247	ccctattcct	tctattctag	ccttatttct	tatgaggaag	atcagaggca	aggagcagaa	2700
249	cctagaaaaa	actttgtcaa	gcctaatgaa	accaaaactt	acttttggaa	agtgcaacat	2760
251	catatggcac	ccactaaaga	tgagtttgac	tgcaaagcct	gggcttattt	ctctgatgtt	2820
253	gacctggaaa	aagatgtgca	ctcaggcctg	attggacccc	ttctggtctg	ccacactaac	2880
255	acactgaacc	ctgctcatgg	gagacaagtg	acagtacagg	aatttgctct	gtttttcacc	2940
257	atctttgatg	agaccaaaag	ctggtacttc	actgaaaata	tggaaagaaa	ctgcagggct	3000
259	ccctgcaata	tccagatgga	agatcccact	tttaaagaga	attatcgctt	ccatgcaatc	3060
261	aatggctaca	taatggatac	actacctggc	ttagtaatgg	ctcaggatca	aaggattcga	3120
263	tggtatctgc	tcagcatggg	cagcaatgaa	aacatccatt	ctattcattt	cagtggacat	3180
265	gtgttcactg	tacgaaaaaa	agaggagtat	aaaatggcac	tgtacaatct	ctatccaggt	3240
267	gtttttgaga	cagtggaaat	gttaccatcc	aaagctggaa	tttggcgggt	ggaatgcctt	3300
269	attggcgagc	atctacatgc	tgggatgagc	acactttttc	tggtgtacag	caataagtgt	3360
271	cagactcccc	tgggaatggc	ttctggacac	attagagatt	ttcagattac	agcttcagga	3420
273	caatatggac	agtgggcccc	aaagctggcc	agacttcatt	attccggatc	aatcaatgcc	3480
275	tggagcacca	aggagccctt	ttcttggatc	aaggtggatc	tgttggcacc	aatgattatt	3540
277	cacggcatca	agacccaggg	tgcccgtcag	aagttctcca	gcctctacat	ctctcagttt	3600
279	atcatcatgt	atagtcttga	tgggaagaag	tggcagactt	atcgaggaaa	ttccactgga	3660
281	accttaatgg	tcttctttgg	caatgtggat	tcatctggga	taaaacacaa	tatttttaac	3720
283	cctccaatta	ttgctcgata	catccgtttg	cacccaactc	attatagcat	tcgcagcact	3780
285	cttcgcatgg	agttgatggg	ctgtgattta	aatagttgca	gcatgccatt	gggaatggag	3840
287	agtaaagcaa	tatcagatgc	acagattact	gcttcatcct	actttaccaa	tatgtttgcc	3900
289	acctggtctc	cttcaaaagc	tcgacttcac	ctccaaggga	ggagtaatgc	ctggagacct	3960
291	caggtgaata	atccaaaaga	gtggctgcaa	gtggacttcc	agaagacaat	gaaagtcaca	4020
293	ggagtaacta	ctcagggagt	aaaatctctg	cttaccagca	tgtatgtgaa	ggagttcctc	4080
295	atctccagca	gtcaagatgg	ccatcagtgg	actctcttt	ttcagaatgg	caaagtaaag	4140
297	gtttttcagg	gaaatcaaga	ctccttcaca	cctgtggtga	actctctaga	cccaccgtta	4200
299	ctgactcgct	accttcgaat	tcacccccag	agttgggtgc	accagattgc	cctgaggatg	4260
301	gaggttctgg	gctgcgaggc	acaggacctc	tactgagggt	ggccactgca	gcacctg	4317

VERIFICATION SUMMARY

DATE: 09/02/2004

PATENT APPLICATION: US/10/820,777

TIME: 09:28:40

Input Set : A:\MR2723-365.txt